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**From:** Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]  
**Sent:** 1/24/2018 6:35:35 PM  
**To:** Vince Winkel [vwinkel@whqr.org]  
**Subject:** RE: From Vince at WHQR Wilmington - Nafion

No problem.

Mark

**From:** Vince Winkel [mailto:vwinkel@whqr.org]  
**Sent:** Wednesday, January 24, 2018 1:31 PM  
**To:** Strynar, Mark <Strynar.Mark@epa.gov>  
**Subject:** Re: From Vince at WHQR Wilmington - Nafion

Man, this is exactly what I need/ Thank's so much!

Vince

**Vince Winkel**  
**WHQR Public Media**  
Wilmington, NC  
910-343-1640 ext. 218  
[www.whqr.org](http://www.whqr.org)  
**WHQR on FACEBOOK**  
[vwinkel@whqr.org](mailto:vwinkel@whqr.org)

On Wed, Jan 24, 2018 at 1:27 PM, Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)> wrote:

Hi Vince,

We discovered Nafion BP1 and BP2 and reported on it in our paper Strynar et al., 2015 (see attached Table 1 Compounds 11, 12). As part of our Cape Fear river investigation over the summer we monitored for NCDEQ Nafion BP1 and BP2 in the water (Chemours outfall 002 and Sweeney finished drinking water). NCDEQ has posted those results. [https://files.nc.gov/ncdeq/GenX/NC%20DEQ%20Report\\_4\\_Nontargeted.pdf](https://files.nc.gov/ncdeq/GenX/NC%20DEQ%20Report_4_Nontargeted.pdf)

What we found was over a 6 week sample time GenX and 3 related PFECAs went down significantly, while Nafion BP1 and BP2 did not. We estimated concentration based on our measurement of GenX. We now have Nafion BP1 and BP2 that were synthesized by Chemours and shared with us. I am just beginning to work on those standards this week due to other pressing projects at EPA.

These standards will allow us to better see how our estimates of Nafion BP1 and BP2 over the summer were compared to a true measurement value.

Let me know if you need more.

Mark

**From:** Vince Winkel [mailto:[vwinkel@whqr.org](mailto:vwinkel@whqr.org)]  
**Sent:** Wednesday, January 24, 2018 9:26 AM  
**To:** Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>  
**Subject:** From Vince at WHQR Wilmington - Nafion

Mark hello, Vince Winkel here.

So - what do you know about Nafion byproducts 1 and 2. Is work currently being done on that part of the mix?

Many thanks, Vince

**Vince Winkel**

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[vwinkel@whqr.org](mailto:vwinkel@whqr.org)

On Mon, Dec 18, 2017 at 8:34 AM, Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)> wrote:

Vince,

I listened over the weekend. You did a great job in distilling all of the details and with all the different viewpoints.

Mark

**From:** Vince Winkel [mailto:[vwinkel@whqr.org](mailto:vwinkel@whqr.org)]  
**Sent:** Thursday, December 14, 2017 4:53 PM  
**To:** Lindsey Hallock <[Lindsey.Hallock@cfpua.org](mailto:Lindsey.Hallock@cfpua.org)>  
**Subject:** GenX - A Toxic Year from WHQR

Hi Everyone.

If you are getting this email, it means you are featured in our one-hour documentary, GenX - A Toxic Year.

It airs tomorrow, Friday, at 1 pm on 91.3 here in Wilmington, and also streams on WHQR.org at that time. It will then be available via our website.

It will be rebroadcast Sunday at 3 pm, also on 91.3 in Wilmington and via the web.

Thank you all for your help, and I'm sure I'll be interviewing you again.

Vince

**Vince Winkel**

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